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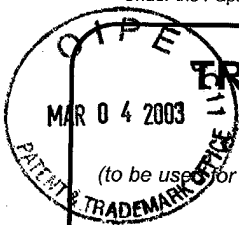
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PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

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**TRANSMITTAL
FORM**

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Total Number of Pages in This Submission	Application Number	09/682,838
	Filing Date	10/23/01
	First Named Inventor	David Lockhart et al
	Group Art Unit	1634
	Examiner Name	BJ Forman
14	Attorney Docket Number	3370.1

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Postcard
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Alan B. Sherr
Signature	<i>Alan B. Sherr</i>
Date	February 25, 2003

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FEE TRANSMITTAL for FY 2003 Effective 01/01/2003. Patent fees are subject to annual revision. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Complete if Known	
		Application Number	09/682,838
		Filing Date	10/23/01
		First Named Inventor	David Lockhart et al
		Examiner Name	BJ For...
		Group / Art Unit	1634
TOTAL AMOUNT OF PAYMENT (\$) 410		Attorney Docket No.	3370.1

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METHOD OF PAYMENT (check all that apply) <input type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money <input type="checkbox"/> Other <input type="checkbox"/> None <input checked="" type="checkbox"/> Deposit Account: Deposit Account Number: 01-0431 Deposit Account Name: Affymetrix, Inc. The Commissioner is authorized to: (check all that apply) <input checked="" type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments <input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.		3. ADDITIONAL FEES TECH CENTER 1600/2900																																											
FEE CALCULATION 1. BASIC FILING FEE <table border="1"><thead><tr><th>Large Entity</th><th>Fee</th><th>Small Entity</th><th>Fee</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>1001</td><td>750</td><td>2001</td><td>375</td><td>Utility filing fee</td><td></td></tr><tr><td>1002</td><td>330</td><td>2002</td><td>165</td><td>Design filing fee</td><td></td></tr><tr><td>1003</td><td>520</td><td>2003</td><td>260</td><td>Plant filing fee</td><td></td></tr><tr><td>1004</td><td>750</td><td>2004</td><td>375</td><td>Reissue filing fee</td><td></td></tr><tr><td>1005</td><td>160</td><td>2005</td><td>80</td><td>Provisional filing fee</td><td></td></tr><tr><td colspan="5">SUBTOTAL (1)</td><td>(\$ 0)</td></tr></tbody></table>		Large Entity	Fee	Small Entity	Fee	Fee Description	Fee Paid	1001	750	2001	375	Utility filing fee		1002	330	2002	165	Design filing fee		1003	520	2003	260	Plant filing fee		1004	750	2004	375	Reissue filing fee		1005	160	2005	80	Provisional filing fee		SUBTOTAL (1)					(\$ 0)		
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		*Reduced by Basic Filing Fee Paid		SUBTOTAL (3) (\$ 410)																																									

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SUBMITTED BY		Complete (if applicable)			
Name (Print/Type)	Alan B. Sherr	Registration No. Attorney/Agent)	42,147	Telephone	781-280-1712
Signature	<i>Alan B. Sherr</i>	Date	2/25/03		

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Attorney Docket 3370.1

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: David Lockhart, et al.
Serial No.: 09/682,838
Filed: 10/23/01

Examiner: BJ Forman
Art Unit: 1634

Title: Apparatus and Method for Processing Multiple Arrays of Biological Probes

CERTIFICATE OF MAILING UNDER 37 CFR §1.10(a)

The undersigned hereby certifies that this document is being placed in the U. S. Postal Service as First Class Mail in an envelope addressed to "Assistant Commissioner for Patents, Washington, D.C. 20231," on

February 25, 2003

Gilda Carr
Gilda Carr

Assistant Commissioner for Patents
Washington, D.C. 20231

RESPONSE AND AMENDMENT

In response to the Office Action mailed September 25, 2002, please consider the following remarks and amend the subject application as follows:

In the Claims:

Please cancel, without prejudice, claims 1 and 17-27.

Please enter amended claim 12 as follows:

Claim 12 (currently amended) The apparatus of claim 2, wherein:
the plurality of microarrays include synthesized probe arrays wherein the probes
comprise oligonucleotides.